

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/881,662
Attorney Docket No. Q64982

B¹ Cont. charging said liquid container with said liquid.

B² 13. (Amended) A liquid charging method according to Claim 1, wherein said liquid container has at least one lyophobic part therein which is lyophobic to said liquid in said liquid container.

B³ 14. (Twice Amended) A liquid container comprising:

a container body; and
a piezo-electric device for detecting a consumption condition of a liquid in said container body, said piezo-electric device being provided with a cavity connecting to an inside of said container body and said cavity contacting said liquid;

wherein an internal pressure of said container body is reduced to a pressure lower than an atmospheric pressure, and

wherein said container body is charged with a liquid.

B⁴ 16. (Amended) A liquid container according to Claim 14, wherein said liquid container has at least one lyophobic part therein which is lyophobic to said liquid in said liquid container.

B⁵ 18. (Amended) A liquid container according to Claim 16, wherein said at least one lyophobic part includes an inner side of said cavity.

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19. (Amended) A method for manufacturing a liquid container comprising the steps of:

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preparing a liquid container having a container body for containing a liquid and a liquid feed port for feeding said liquid in said container body to an outside, and a piezo-electric device for detecting a consumption condition of said liquid in said container body, said piezo-electric device being provided with a cavity connecting to an inside of said container body and said cavity contacting said liquid;

forming a lyophobic part in said piezo-electric device, said lyophobic part being lyophobic to said liquid in said container body;

attaching said piezo-electric device to said liquid container; and

charging said container body with said liquid using a liquid charging method, said liquid charging method comprising the steps of reducing a pressure in said container body to a pressure lower than an atmospheric pressure and charging said container body with said liquid.
